

Work Order ID 71060

Tuesday, June 21, 2011 1:32:39 PM

Page 1

Item ID: D2932-1

Accept

Revision ID:

Item Name: Saddle LH Out, 206

Start Date: 6/21/2011 Start Qty: 4.00

Required Date: 7/8/2011 Req'd Qty: 4.00

Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Run Start

Stop

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

D2932

Rev C

100

0.00



HAAS CNC VERTICAL MACHINING #1

HAAS 1

Memo

0.00

HAAS CNC vertical machine #1

Program part number and batch number. ☐ 1-Inspect part number and batch number are programmed correctly. ☐ 2-Machine Step No 1 of Folio and visually inspect as per dwg D2932 & attached Dimension Sheet ☐ 3-Machine Step No 2 of Folio and visually inspect as per

110

0.00



CONVENTIONAL MILLING MACHINE

Mill Conv

Memo

0.00

Conventional Milling Machine

Machine Keyway and inspect per attached dimension sheet

120

0.00



QC1- Inspect dimensions to dimension sheet

QC

Memo

0.00

Quality Control

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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Page 2

Item ID:	D2932-1	Accept		Setup	Start	
Revision ID:					Stop	
Item Name:	Saddle LH Out, 206					
Start Date:	6/21/2011	Start Qty:	4.00		Cust Item ID:	
Required Date:	7/8/2011	Req'd Qty:	4.00		Customer:	
Reference:						

Approvals:	Process Plan:	Date:	Tooling:	Date:	Run	Start	
	QC:	Date:	SPC (Y/N):	Date:		Stop	

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130 QC Quality Control	QC8- Inspect parts - second check Memo	0.00 0.00		M.A 11/06/08		4	0		
140 HandFinish Hand Finishing	Chemical Conversion Coat per QSI005 4.1 Memo	0.00 0.00				H	0	BL 11-7-7	
155 SprayPaint Spray Painting	 Memo PRIME B 117319 DELFLEET BLUE B 115985 DELFLEET CLEAR B 117113	0.00 0.00				M	11	07 13	(4)

W/O:		WORK ORDER CHANGES					
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Item ID: D2932-1

Accept



Setup Start



Revision ID:

Stop



Item Name: Saddle LH Out, 206

Start Date: 6/21/2011 Start Qty: 4.00



Cust Item ID:

Required Date: 7/8/2011 Req'd Qty: 4.00



Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start



QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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165 QC14- Inspect Spray Paint

0.00



QC

Memo

0.00

Quality Control

RT 11-07-14 (x4)

170 Identify as per dwg & Stock Location: ~~428~~

0.00



Packaging

Memo

0.00

Packaging

11/15/15 (4)

180 QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

11/2/15 (4)

ME 11-07-15

W/O:		WORK ORDER CHANGES					
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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Tuesday, June 21, 2011 1:32:47 PM

Page 1

Work Order ID: 71060

Parent Item: D2932-1

Parent Item Name: Saddle LH Out, 206



Start Date: 6/21/2011

Required Date: 7/8/2011

Start Qty: 4.00

Required Qty: 4.00

Comments: IPP: B□00.06.26□New DWG rev, (mpp 2069)□EC□
IPP Rev:C As per Rev C 07-03-19 JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D6101-003 		Manufactured	No			100	Each	31.0000	1	4			
Saddle Billet, 7075													

29 11.7.7

Location

Loc Qty

Loc Code

MAT

5

69701

5

MAT040

20

69678

20

MAT45

6

68172

6

70978

x 4

W/O:		WORK ORDER CHANGES					
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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

DART AEROSPACE LTD	Work Order:	71060
Description: 206 Saddle, Outboard, Left side	Part Number:	D2932-1
Inspection Dwg: D2932 Rev. C		Page 1 of 1

Inspect dimensions highlighted on inspection sheet drawing D2932 Rev. C and record below:

				Recorded Actual Dimensions					
Dim	Min	Max	Go/No Go Gauge	1	2	3	4	By	Date
A	0.100	0.140		.133	.133	.133	.133		
B	0.100	0.140		.135	.135	.135	.135		
C	0.100	0.140		.130	.130	.130	.130		
D	0.210	0.230		.220	.220	.220	.220		
E	1.245	1.255		1.250	1.250	1.250	1.250		
F	1.245	1.255		1.250	1.250	1.250	1.250		
G	2.495	2.505		2.500	2.500	2.500	2.500		
H	0.510	0.515		.511	.511	.511	.511		
I	1.572	1.582		1.577	1.577	1.577	1.577		
J	2.495	2.505		2.500	2.500	2.500	2.500		
K	0.257	0.262		.257	.257	.257	.257		
L	0.312	0.317		.313	.313	.313	.313		
M	0.235	0.240		.238	.238	.238	.238		
N	0.100	0.140		.110	.110	.110	.110		
O	0.540	0.560		.552	.552	.552	.552		
P	0.490	0.510		.499	.499	.499	.499		
Q	3.715	3.725		3.720	3.720	3.720	3.720		
R	2.470	2.510		2.493	2.493	2.493	2.493		
S	0.240	0.270		.249	.249	.249	.249		
T	0.100	0.180		.130	.130	.130	.130		
U	1.625	1.635		1.630	1.630	1.630	1.630		
V	1.362	1.372		1.367	1.367	1.367	1.367		
W	0.316	0.321		.316	.316	.316	.316		
X	1.125	1.145		1.134	1.134	1.134	1.134		
Y	1.565	1.585		1.575	1.575	1.575	1.575		
Z	0.178	0.198		.188	.188	.188	.188		
AA									
AB									
AC									
AD									
AE									
AF									
AG									
AH									
Accept/Reject									

Measured by: <u>RO</u>
Date: <u>11.7.6</u>

Audited by: <u>MA</u>
Date: <u>11/07/08</u>

Rev	Date	Change	Revised by	Approved
A		New Issue	RF	
B	02.12.12	Re-format; Added Dim. X-Y, DT8683, DT8686, DT8690	KJ/RF	
C	07.03.21	Revised per drawing revision C	KJ/JLM	

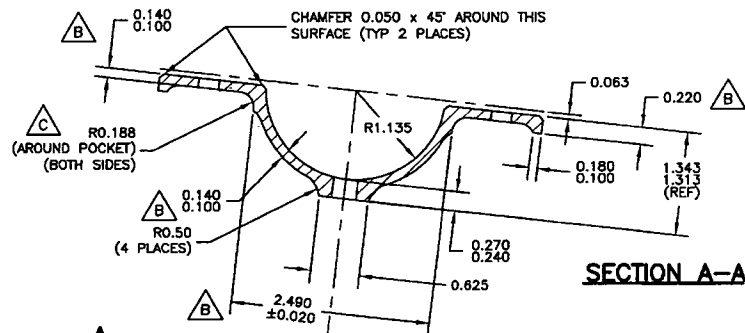
W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

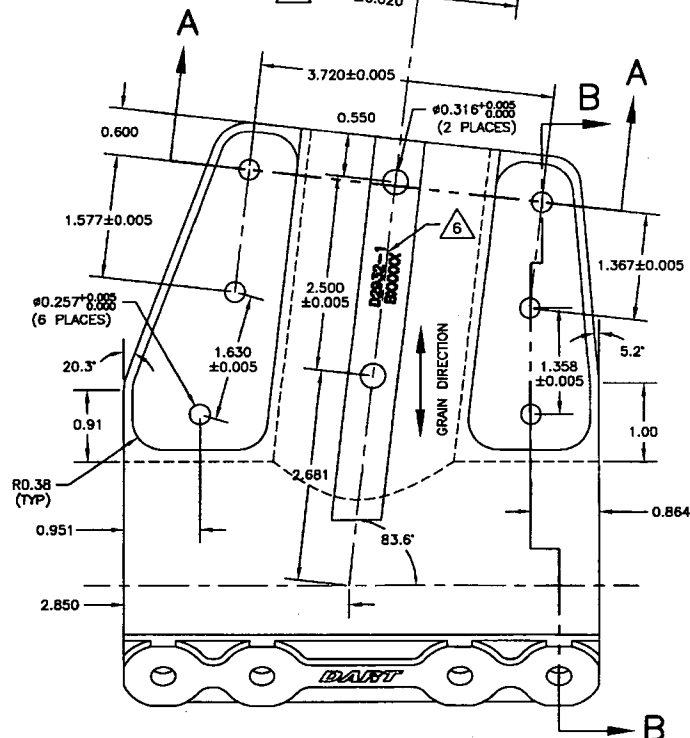
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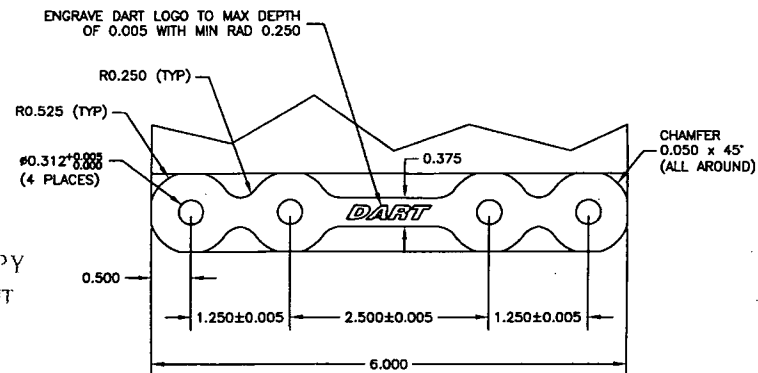
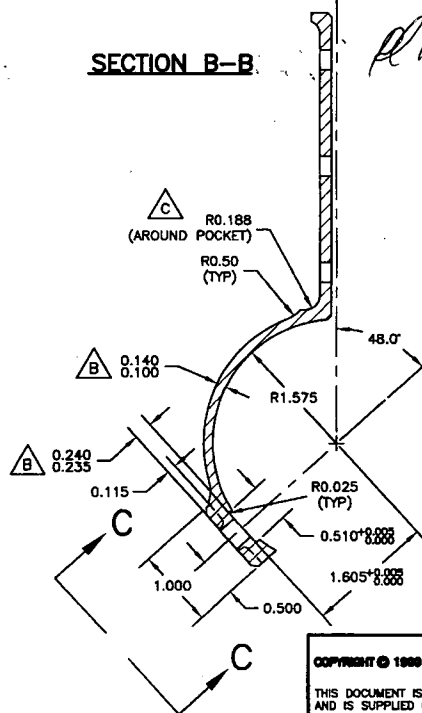


SECTION A-A



SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 71060

SECTION B-B



VIEW C-C

D2932-1 LH SADDLE (SHOWN)
D2932-2 RH SADDLE (OPPOSITE)

NOTES:

- 1) MATERIAL: ALUMINUM 7075-T7351 (QQ-A-250/12)
(MAKE FROM D6101-003 SADDLE BILLET, 7075)
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
POWDER COAT GLOSS WHITE (REF 4.3.5.1) PER DART QSI 005 4.3
- 3) BREAK ALL SHARP EDGES 0.010 TO 0.020
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED.
- 5) ALL DIMENSIONS ARE IN INCHES
- 6) ENGRAVE PART AND BATCH NUMBER IN THIS AREA 0.010 TO 0.015 DEEP

C	06.11.09	R0.188 WAS R0.30 TO R0.25
B	00.05.29	CHANGED GEOMETRY AND MATERIAL
A	99.10.29	NEW ISSUE
DESIGN	4	DRAWN BY CB
CHECKED	PH	APPROVED
DATE	06.11.09	TITLE
		SADDLE OUTSIDE

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DART AEROSPACE USA, INC.

DART DART AEROSPACE USA, INC.
BELLEVUE, WA

DRAWING NO. D2932

REV. C

SHEET 1 OF 1

SCALE

2:3

RELEASED

07-02-12